

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080717\
 Data File : BE093697.D
 Acq On : 7 Aug 2017 11:48
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Aug 07 13:20:05 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 11:34:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2734	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	13725	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	8022	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	20347	0.40	ng	0.00
27) Chrysene-d12	21.40	240	21116	0.40	ng	0.00
34) Perylene-d12	23.91	264	18026	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	14362	1.76	ng	0.00
5) Phenol-d6	7.09	99	21726	1.77	ng	0.00
8) Nitrobenzene-d5	9.06	82	20317	1.94	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	36056	1.66	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	3986	2.15	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	49940	1.56	ng	0.00
25) Fluoranthene-d10	19.27	212	358391	1.55	ng	0.00
29) Terphenyl-d14	19.86	244	60858	1.60	ng	0.00

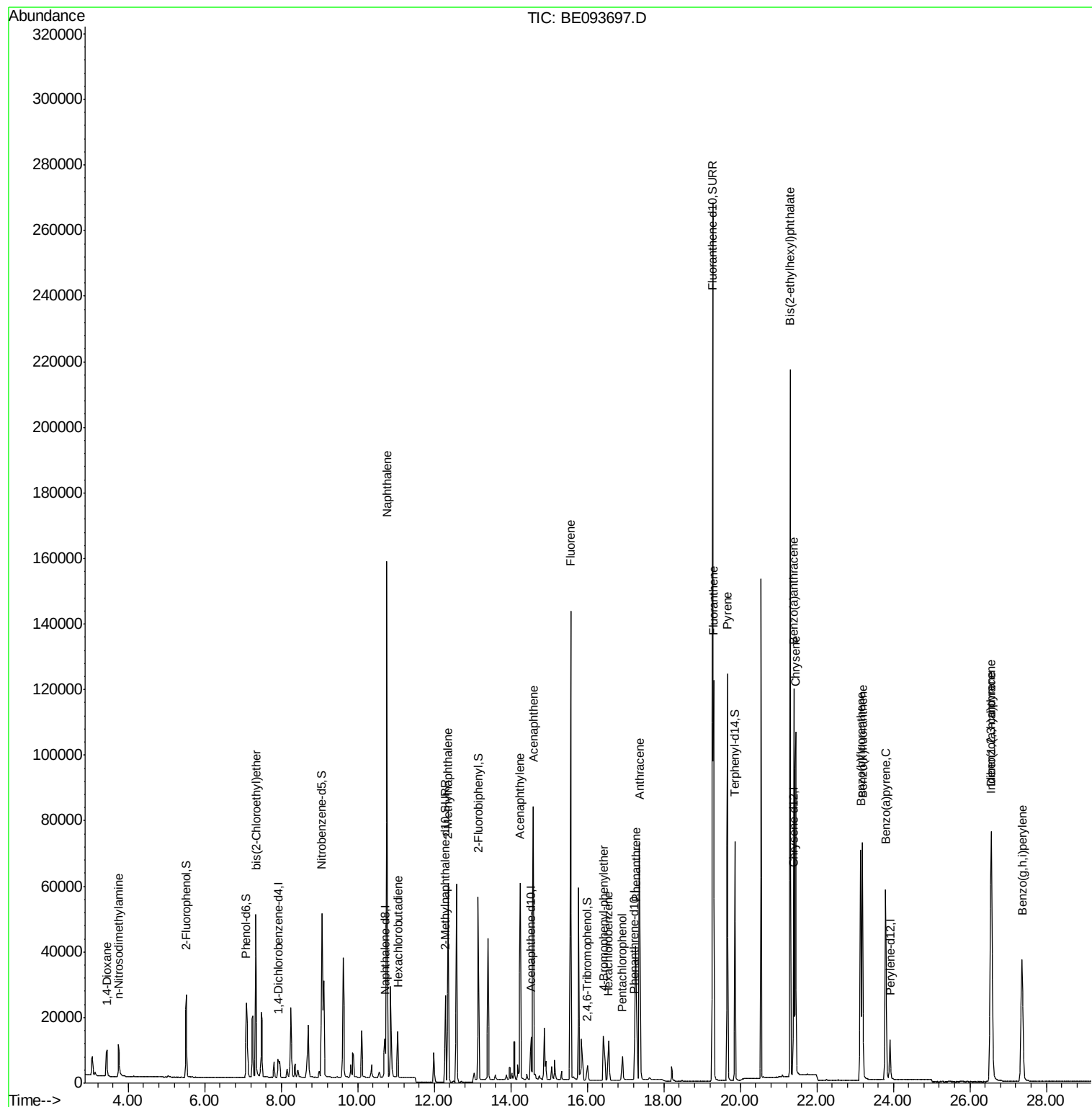
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	6210	1.401	ng	90
3) n-Nitrosodimethylamine	3.74	42	7404	1.783	ng	94
6) bis(2-Chloroethyl)ether	7.34	93	17202	1.668	ng	# 99
9) Naphthalene	10.76	128	253081	1.593	ng	99
10) Hexachlorobutadiene	11.04	225	9465	1.608	ng	100
12) 2-Methylnaphthalene	12.36	142	43165	1.642	ng	96
16) Acenaphthylene	14.24	152	68201	1.779	ng	# 87
17) Acenaphthene	14.59	154	44301	1.638	ng	97
18) Fluorene	15.56	166	56780	1.571	ng	# 88
20) 4-Bromophenyl-phenylether	16.42	248	8400	1.306	ng	# 1
21) Hexachlorobenzene	16.55	284	9269	1.414	ng	# 100
22) Pentachlorophenol	16.91	266	7174	2.555	ng	94
23) Phenanthrene	17.27	178	69914	1.563	ng	# 79
24) Anthracene	17.37	178	108798	1.778	ng	# 90
26) Fluoranthene	19.30	202	108938	1.529	ng	99
28) Pyrene	19.66	202	111970	1.641	ng	# 99
30) Benzo(a)anthracene	21.39	228	107429	1.731	ng	94
31) Chrysene	21.45	228	109036	1.575	ng	96
32) Bis(2-ethylhexyl)phthalate	21.30	149	220132	2.601	ng	98
33) Indeno(1,2,3-cd)pyrene	26.55	276	104462	1.666	ng	94
35) Benzo(b)fluoranthene	23.14	252	101109	1.572	ng	# 94
36) Benzo(k)fluoranthene	23.19	252	103101	1.568	ng	# 92
37) Benzo(a)pyrene	23.80	252	95381	1.637	ng	# 91
38) Dibenzo(a,h)anthracene	26.57	278	90502	1.609	ng	# 88
39) Benzo(g,h,i)perylene	27.36	276	90231	1.582	ng	# 92

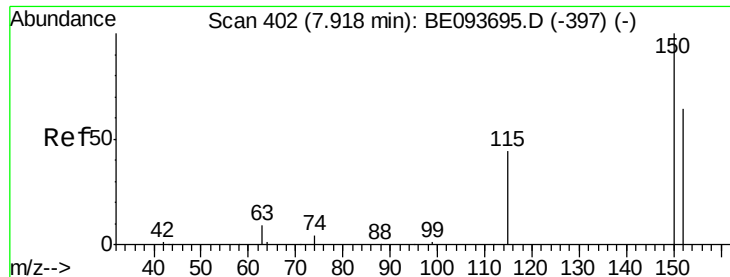
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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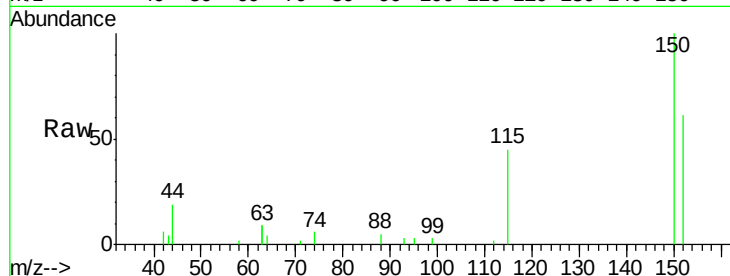


#1

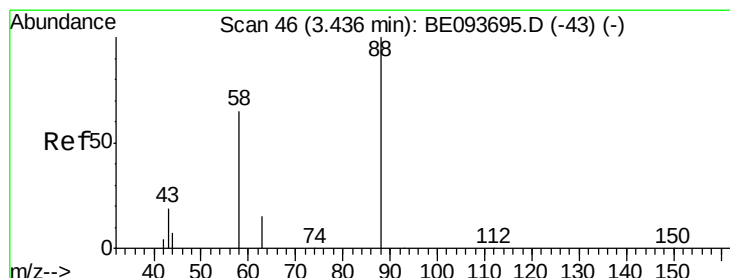
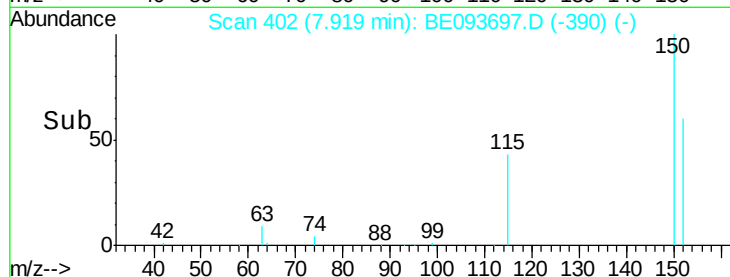
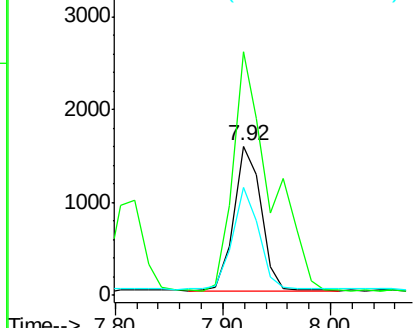
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 152 Resp: 2734
Ion Ratio Lower Upper
152 100
150 163.3 125.1 187.7
115 72.8 55.7 83.5



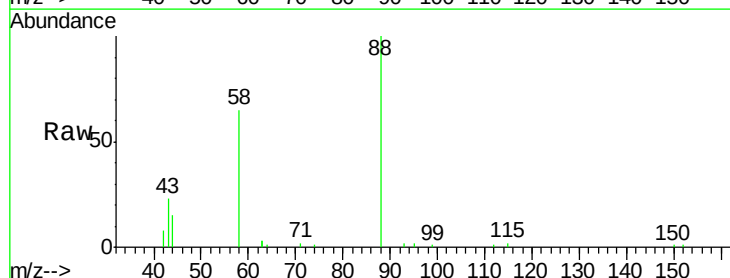
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



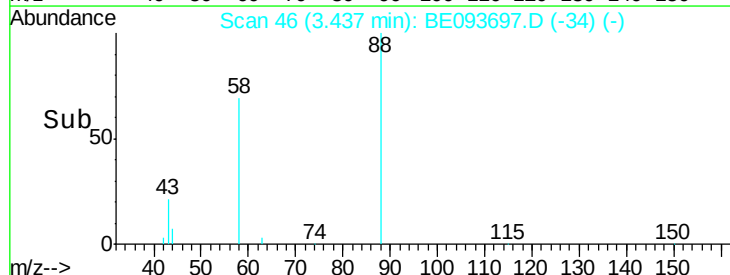
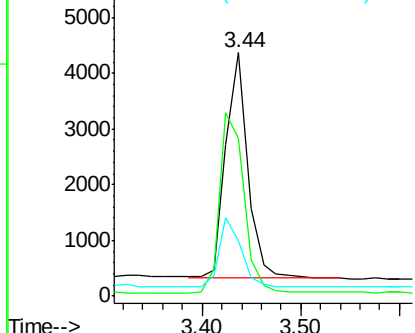
#2

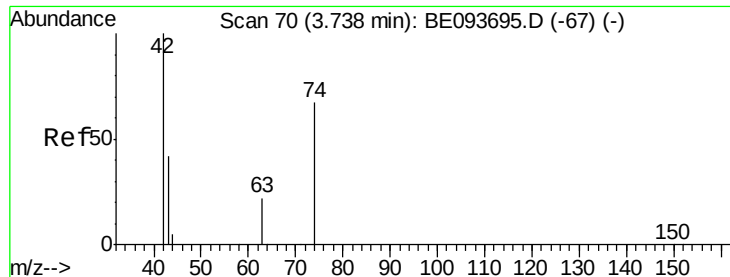
1,4-Dioxane
Concen: 1.401 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion: 88 Resp: 6210
Ion Ratio Lower Upper
88 100
58 88.8 62.2 93.4
43 31.4 23.2 34.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.783 ng

RT: 3.74 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

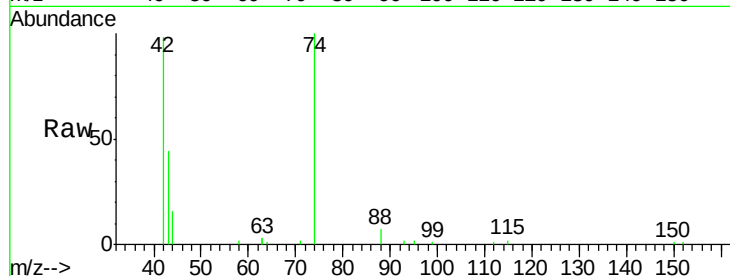
Tgt Ion: 42 Resp: 7404

Ion Ratio Lower Upper

42 100

74 131.3 99.1 148.7

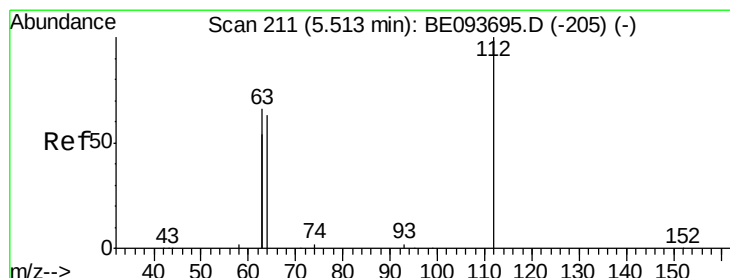
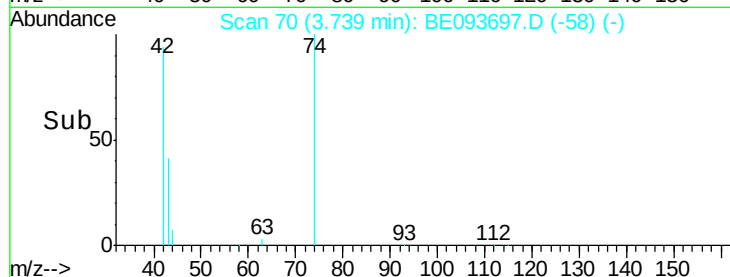
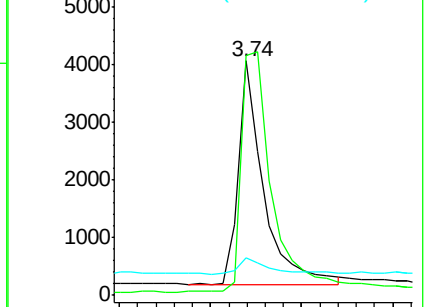
44 10.0 7.4 11.2



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 1.763 ng

RT: 5.51 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

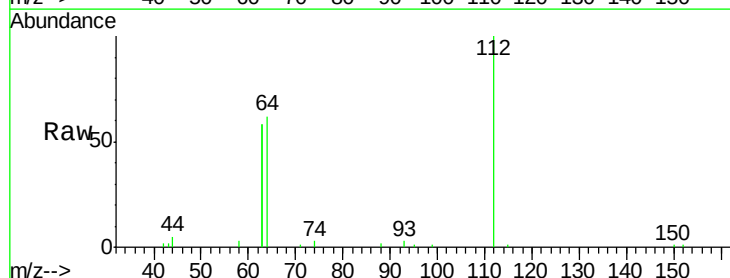
Tgt Ion: 112 Resp: 14362

Ion Ratio Lower Upper

112 100

64 71.6 56.4 84.6

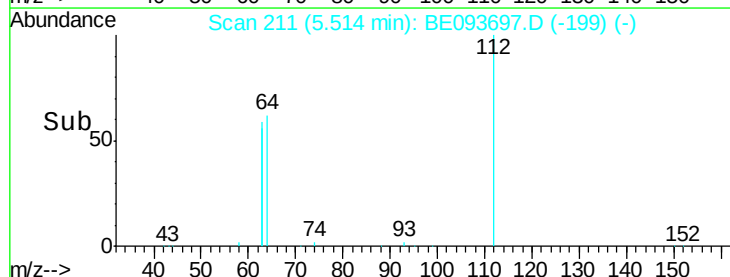
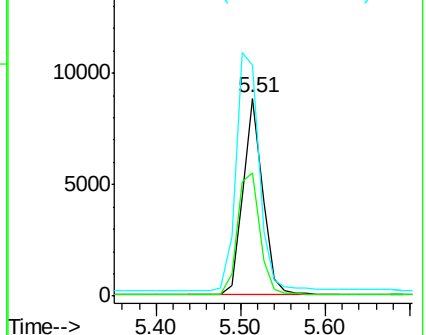
63 141.8 29.3 43.9#

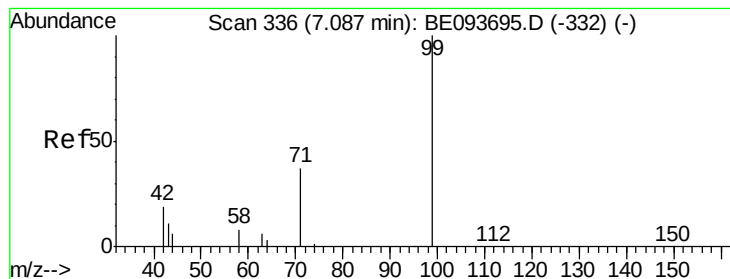


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.772 ng

RT: 7.09 min Scan# 336

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

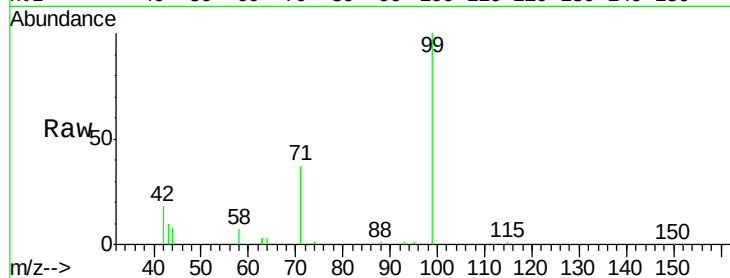
Tgt Ion: 99 Resp: 21726

Ion Ratio Lower Upper

99 100

42 20.5 0.0 0.0#

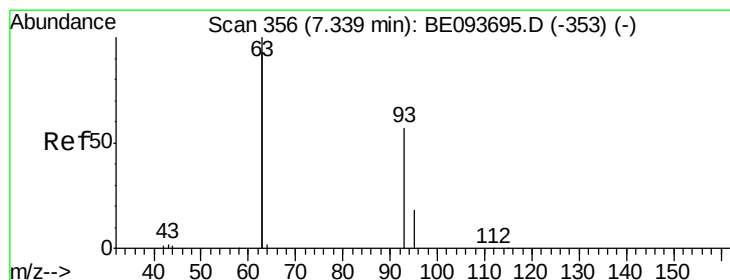
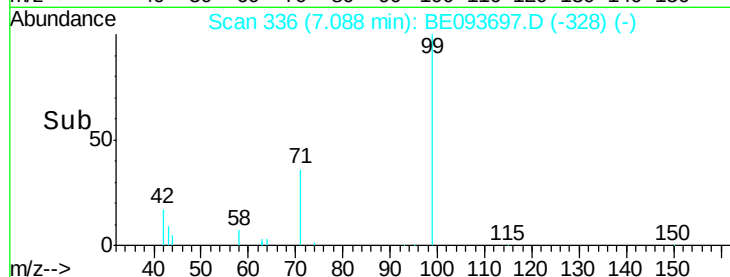
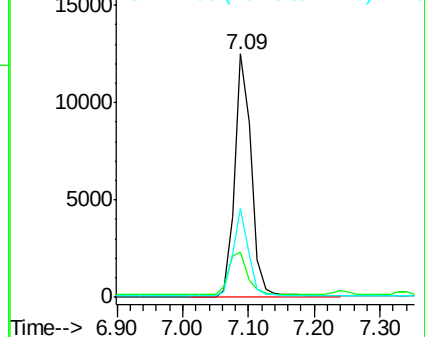
71 34.2 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 1.668 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

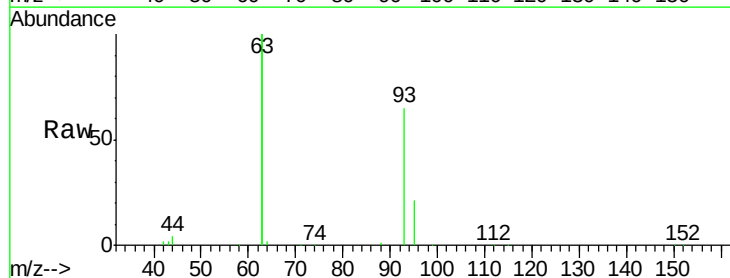
Tgt Ion: 93 Resp: 17202

Ion Ratio Lower Upper

93 100

63 352.6 0.0 0.0#

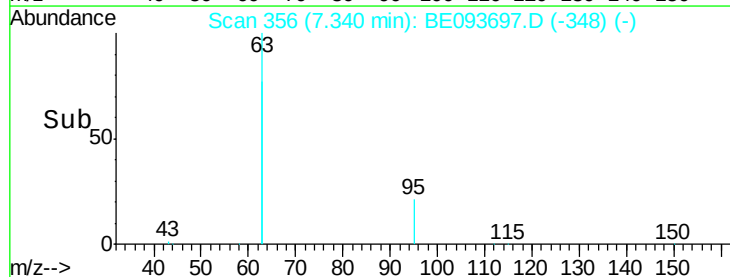
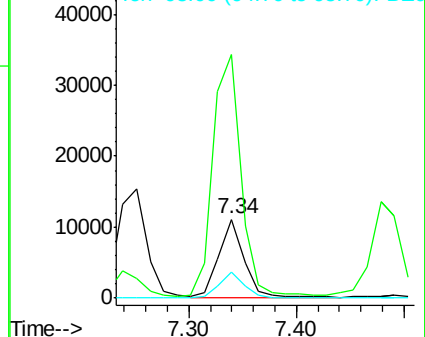
95 32.4 25.4 38.0

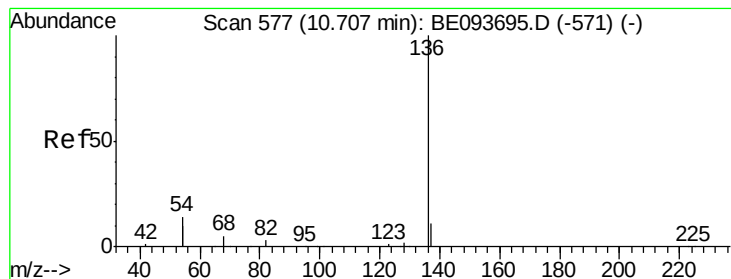


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

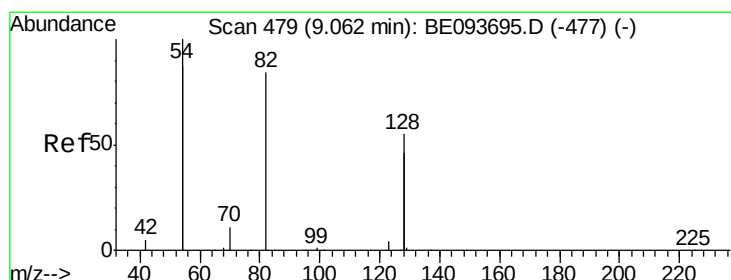
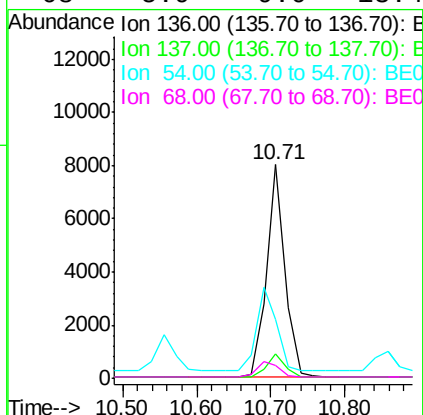
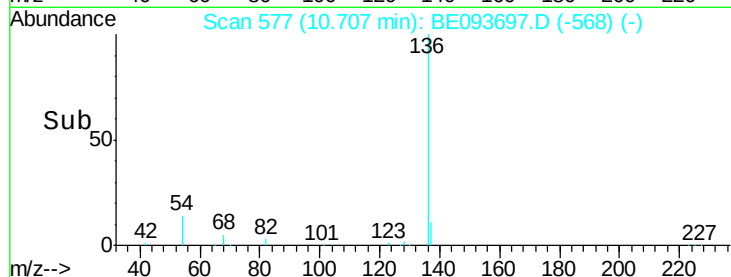
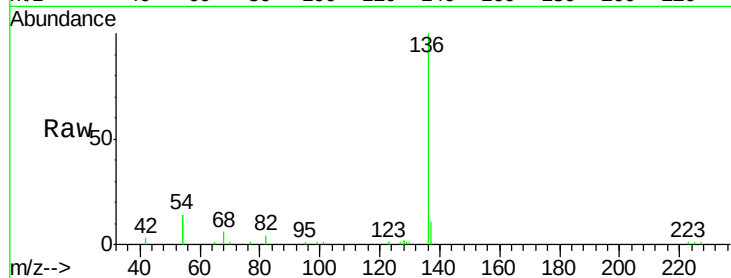
Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion:	136	Resp:	13725
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.8
54	27.8	10.3	15.5#
68	5.9	9.0	13.4#



#8

Nitrobenzene-d5

Concen: 1.940 ng

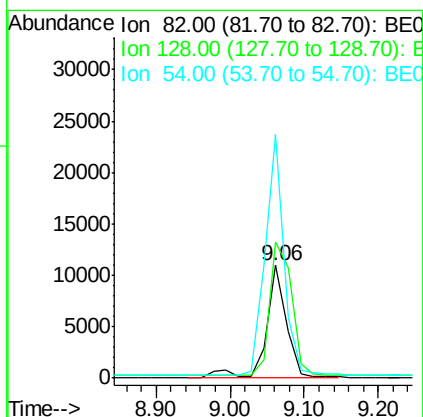
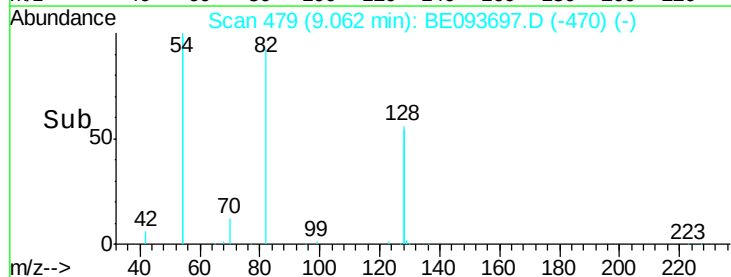
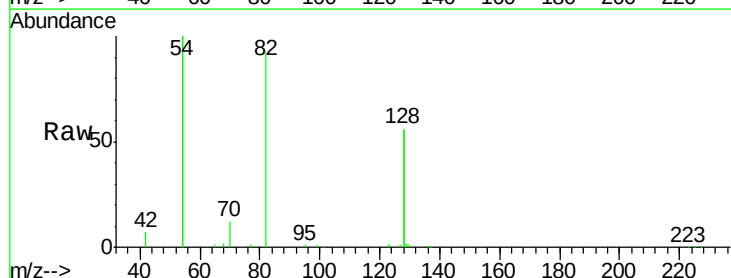
RT: 9.06 min Scan# 479

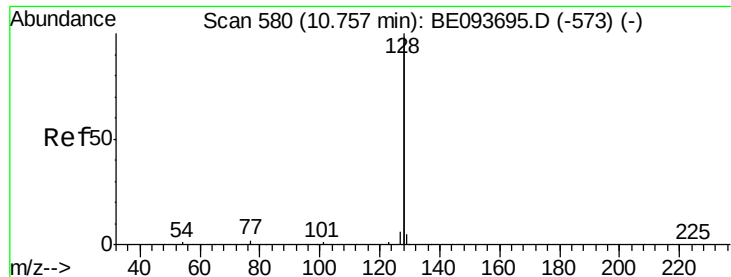
Delta R.T. -0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Tgt Ion:	82	Resp:	20317
Ion Ratio	Lower	Upper	
82	100		
128	121.5	17.0	25.4#
54	216.5	53.8	80.6#





#9

Naphthalene

Concen: 1.593 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

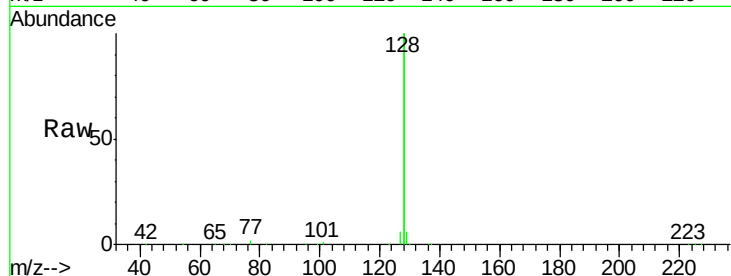
Tgt Ion:128 Resp: 253081

Ion Ratio Lower Upper

128 100

129 2.8 2.4 3.6

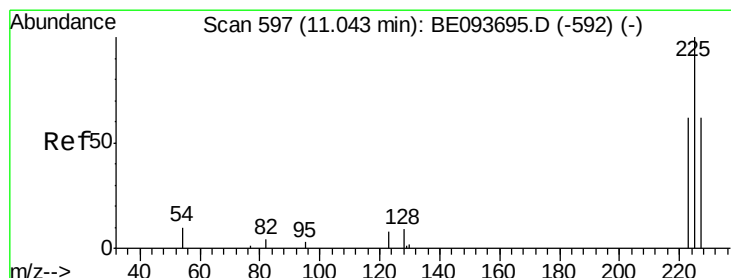
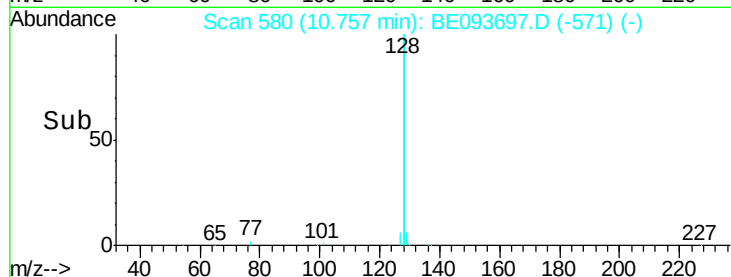
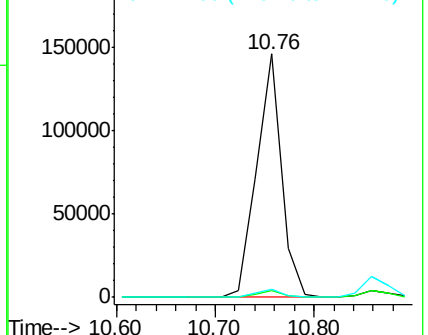
127 3.2 2.4 3.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.608 ng

RT: 11.04 min Scan# 597

Delta R.T. -0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

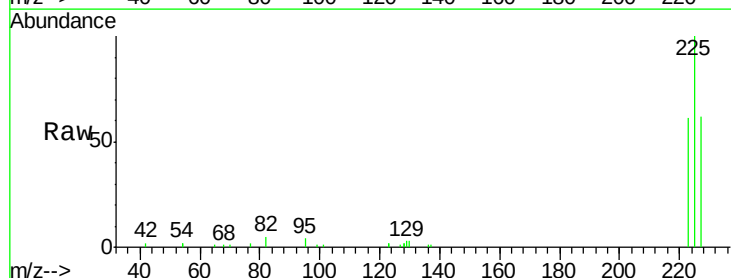
Tgt Ion:225 Resp: 9465

Ion Ratio Lower Upper

225 100

223 61.9 49.7 74.5

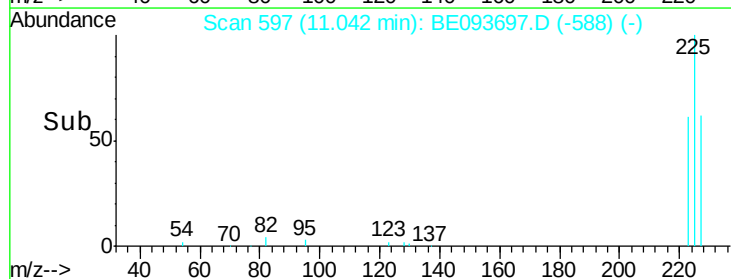
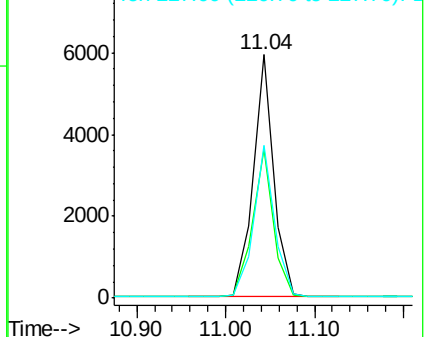
227 63.3 50.3 75.5

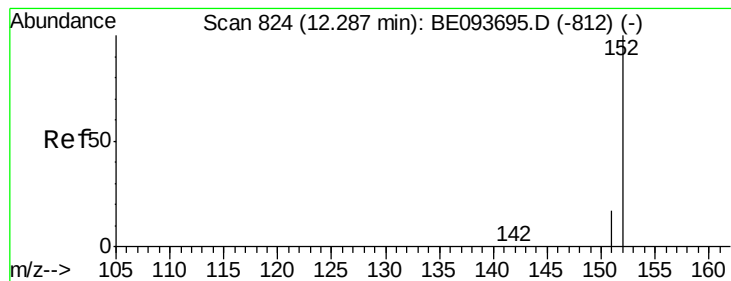


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.663 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

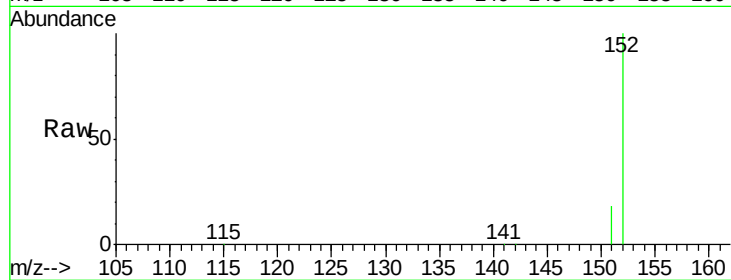
SSTDICC1.6

Tgt Ion:152 Resp: 36056

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

25000

20000

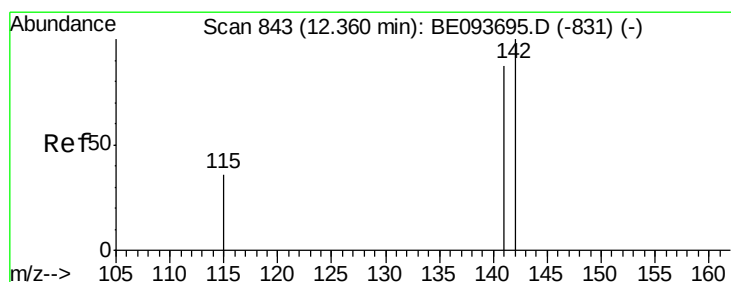
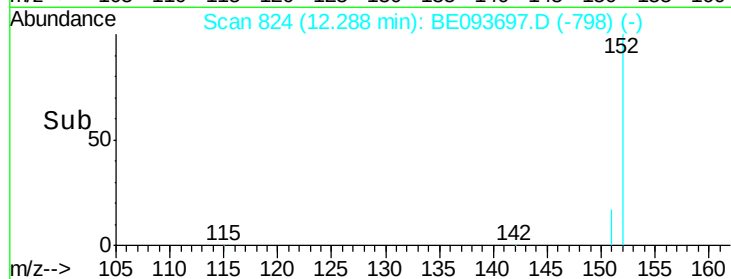
15000

10000

5000

0

Time--> 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 1.642 ng

RT: 12.36 min Scan# 843

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

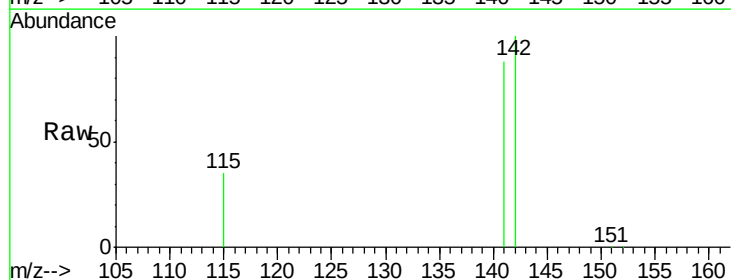
Tgt Ion:142 Resp: 43165

Ion Ratio Lower Upper

142 100

141 88.1 72.6 108.8

115 35.3 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.36

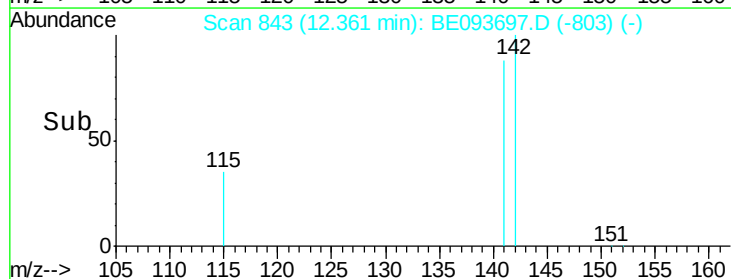
30000

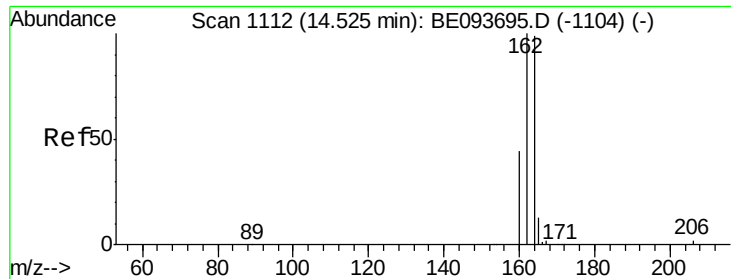
20000

10000

0

Time--> 12.30 12.40 12.50

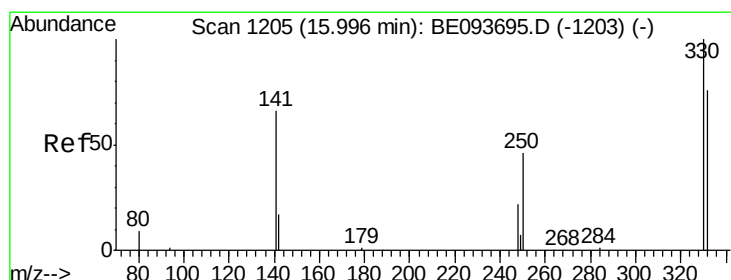
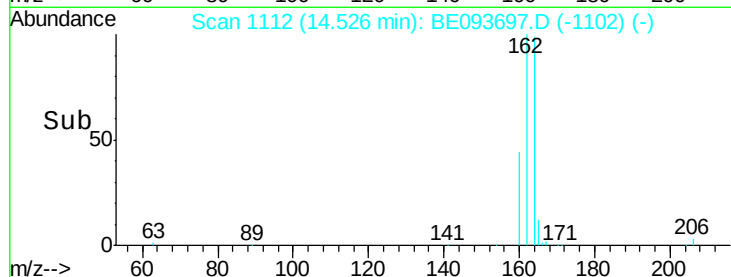
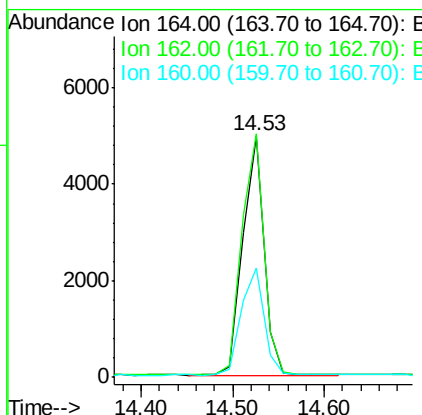
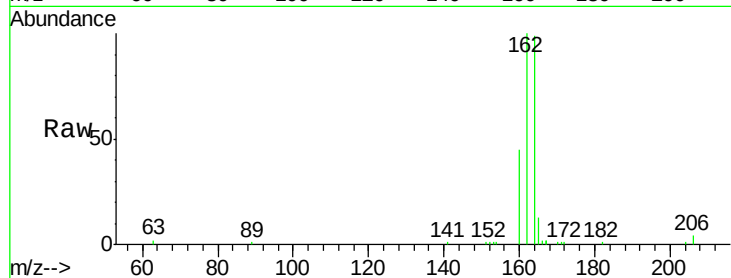




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

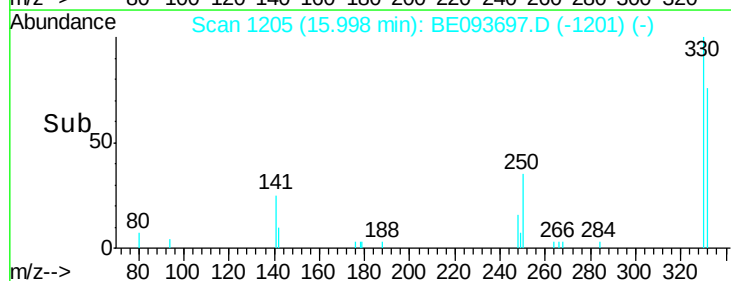
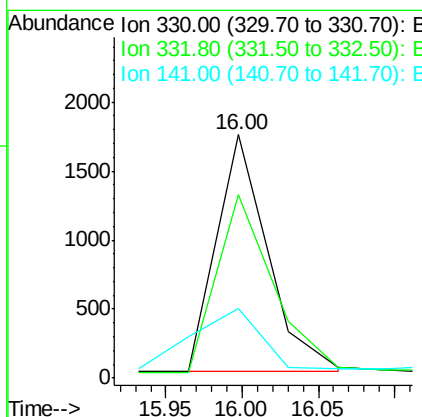
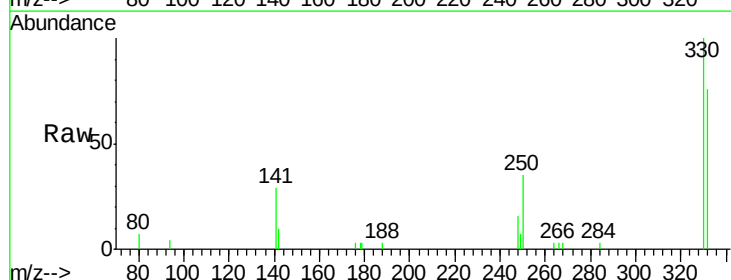
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

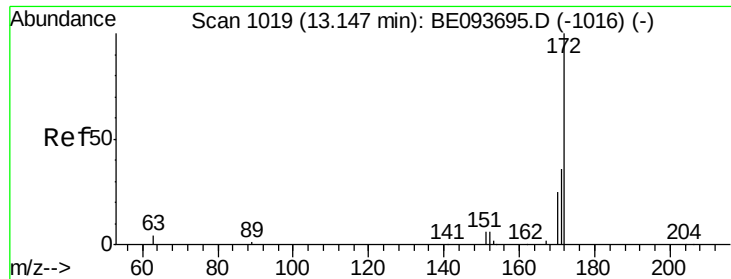
Tgt Ion:164 Resp: 8022
Ion Ratio Lower Upper
164 100
162 100.8 84.6 127.0
160 45.4 41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 2.148 ng
RT: 16.00 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:330 Resp: 3986
Ion Ratio Lower Upper
330 100
332 82.5 77.7 116.5
141 34.2 56.2 84.4#

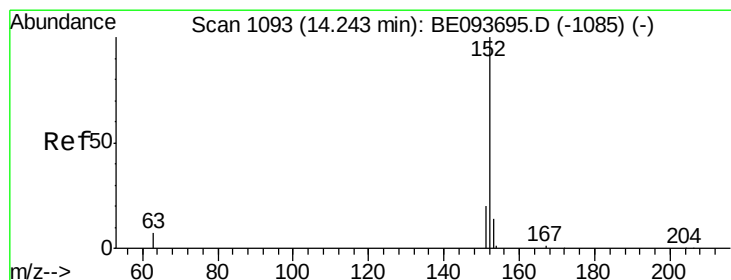
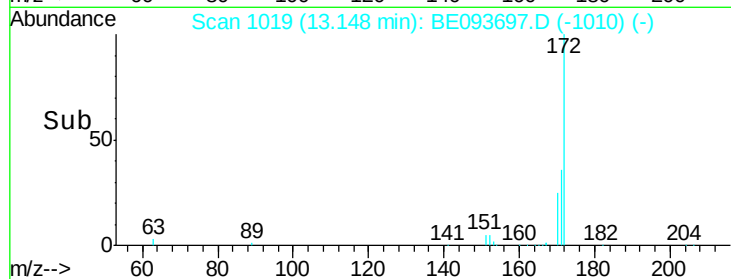
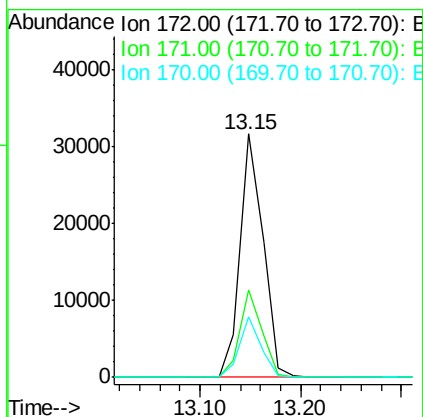
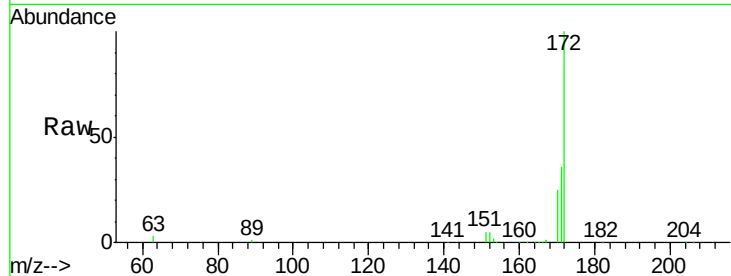




#15
2-Fluorobiphenyl
Concen: 1.555 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

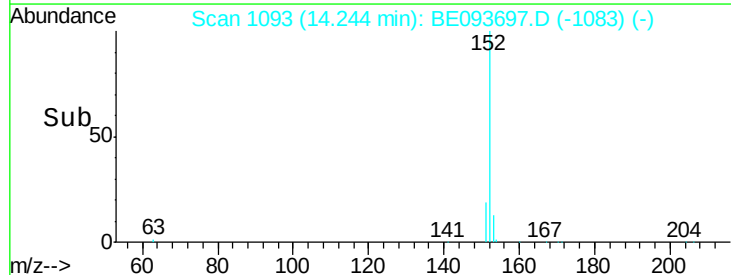
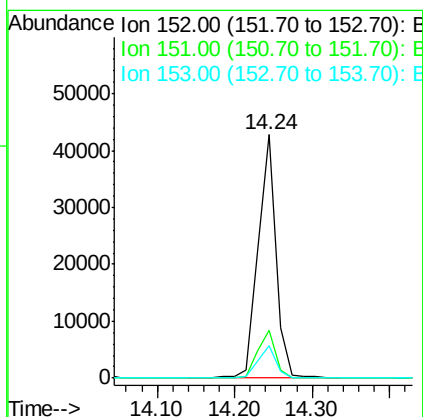
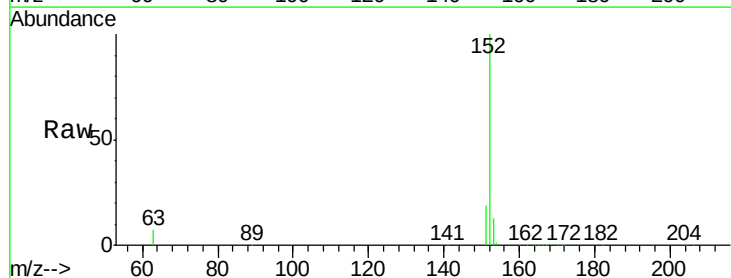
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

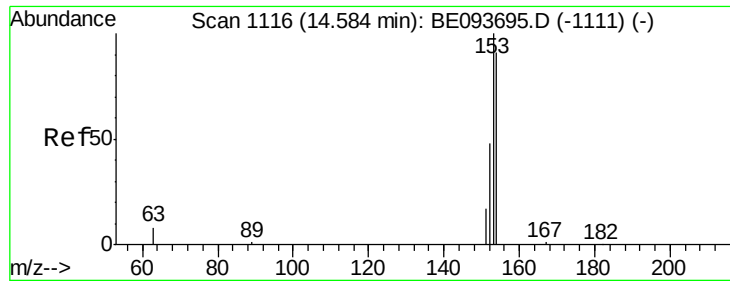
Tgt Ion:172 Resp: 49940
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.6
170 24.8 20.7 31.1



#16
Acenaphthylene
Concen: 1.779 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:152 Resp: 68201
Ion Ratio Lower Upper
152 100
151 19.6 4.0 6.0#
153 13.1 10.3 15.5

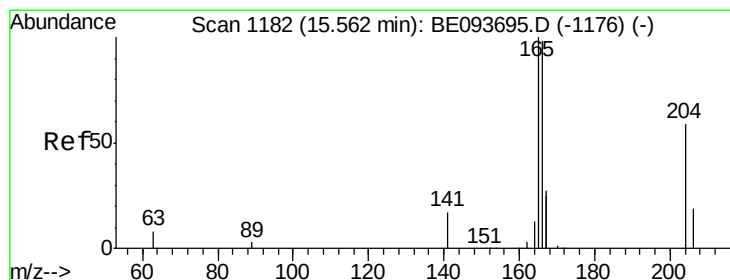
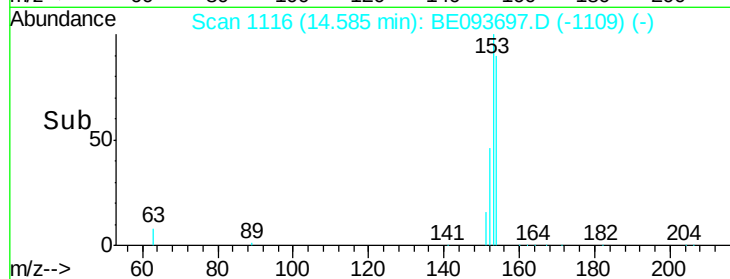
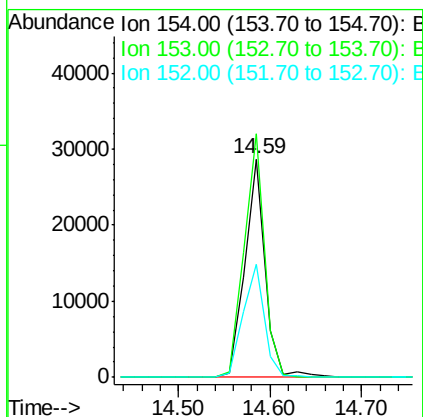
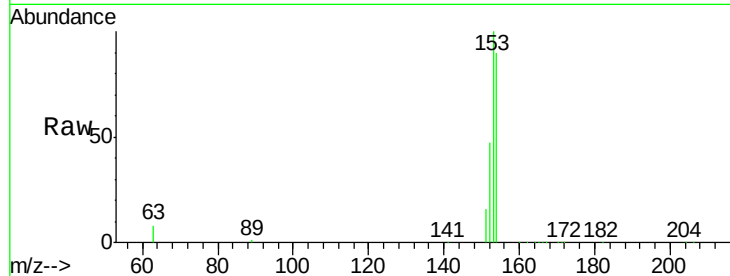




#17
Acenaphthene
Concen: 1.638 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

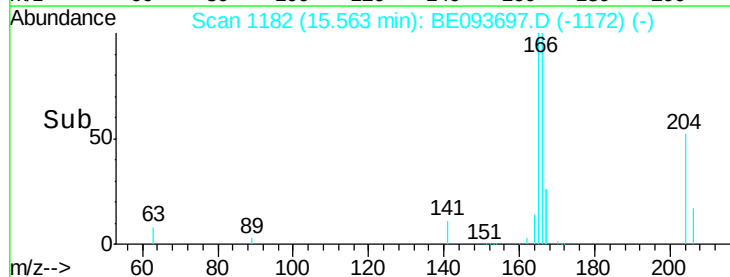
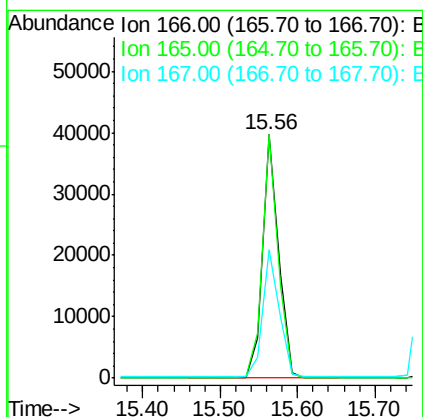
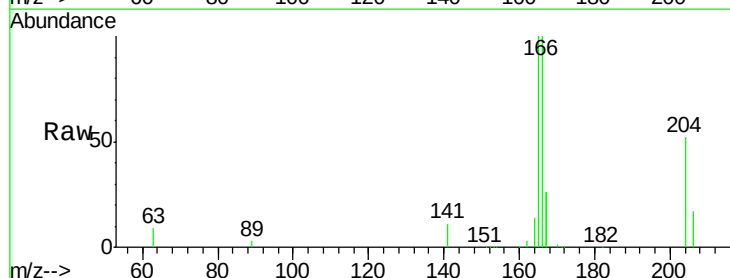
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

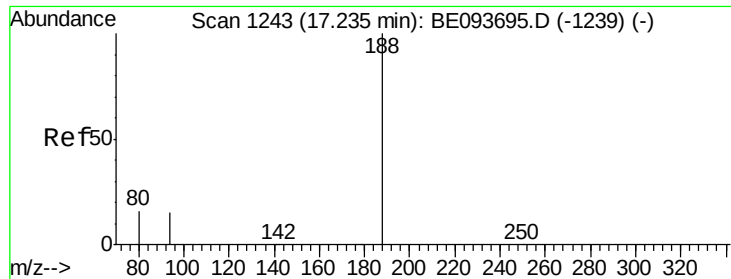
Tgt Ion:154 Resp: 44301
Ion Ratio Lower Upper
154 100
153 111.3 91.2 136.8
152 53.9 44.8 67.2



#18
Fluorene
Concen: 1.571 ng
RT: 15.56 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:166 Resp: 56780
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 53.6 11.1 16.7#

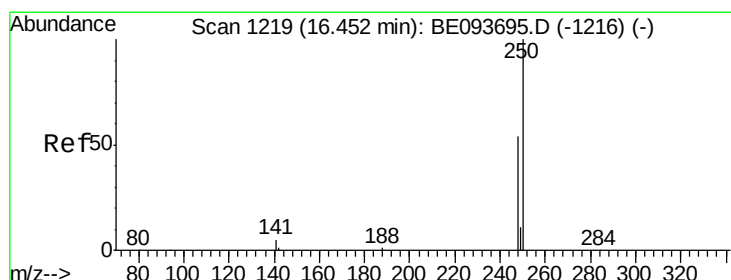
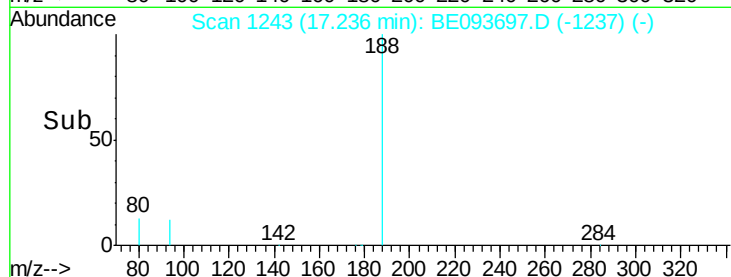
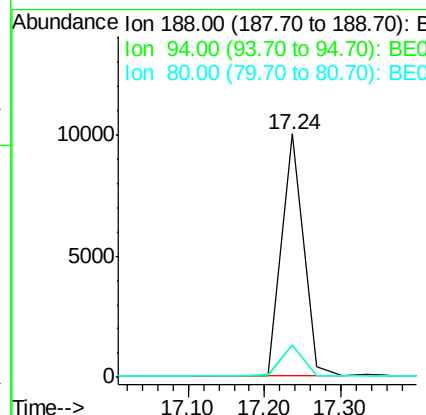
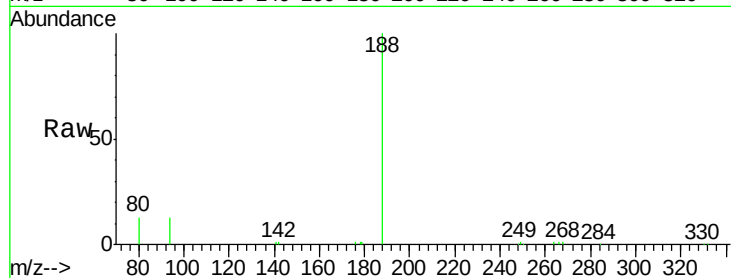




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

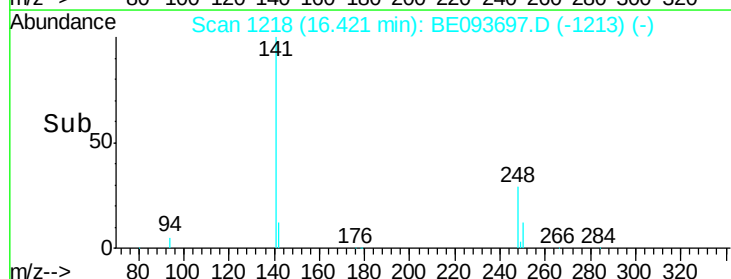
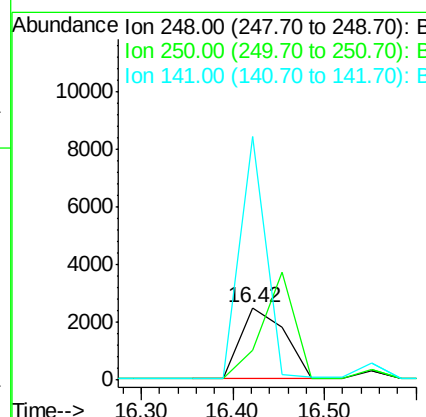
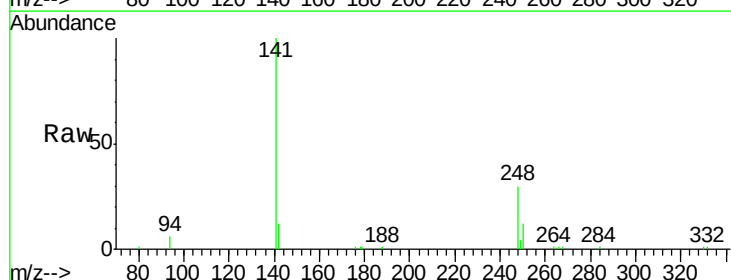
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

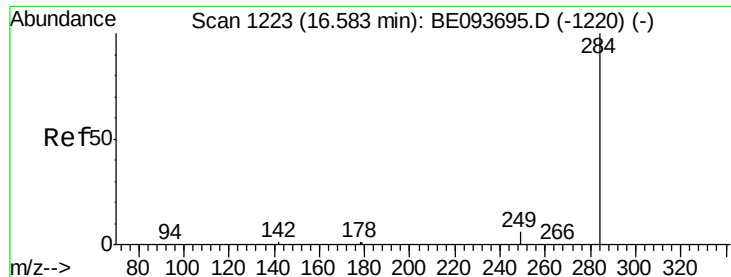
Tgt Ion:188 Resp: 20347
Ion Ratio Lower Upper
188 100
94 13.1 11.3 16.9
80 13.4 11.7 17.5



#20
4-Bromophenyl-phenylether
Concen: 1.306 ng
RT: 16.42 min Scan# 1218
Delta R.T. -0.03 min
Lab File: BE093697.D
Acq: 7 Aug 2017 11:48

Tgt Ion:248 Resp: 8400
Ion Ratio Lower Upper
248 100
250 41.3 128.0 192.0#
141 335.4 12.0 18.0#





#21

Hexachlorobenzene

Concen: 1.414 ng

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

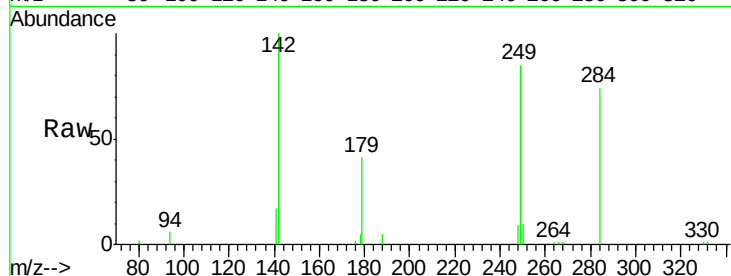
Tgt Ion:284 Resp: 9269

Ion Ratio Lower Upper

284 100

142 75.8 0.0 0.0#

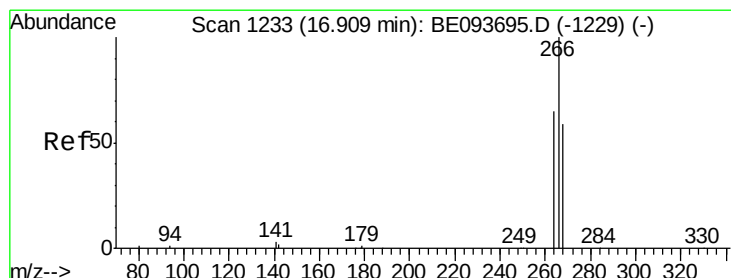
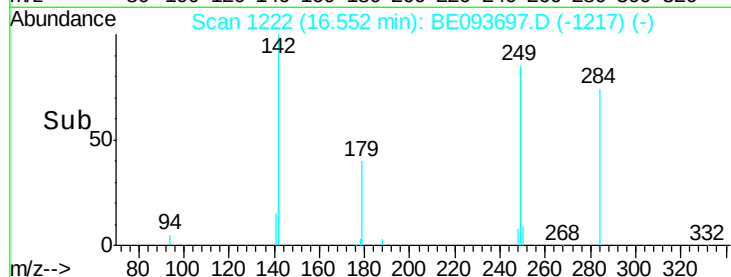
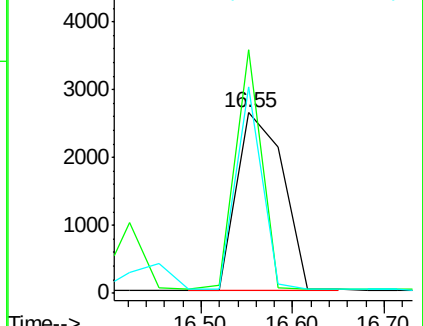
249 64.9 0.0 0.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 2.555 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

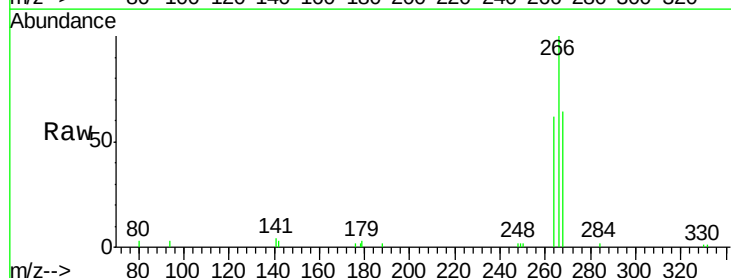
Tgt Ion:266 Resp: 7174

Ion Ratio Lower Upper

266 100

264 61.9 56.0 84.0

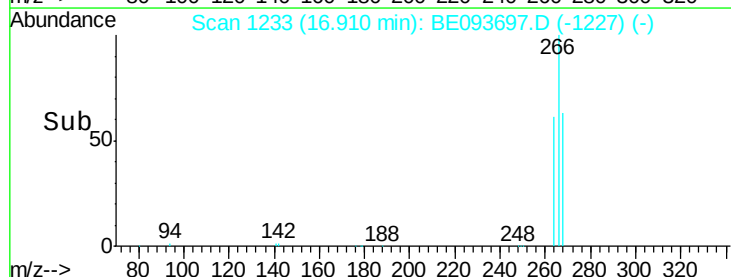
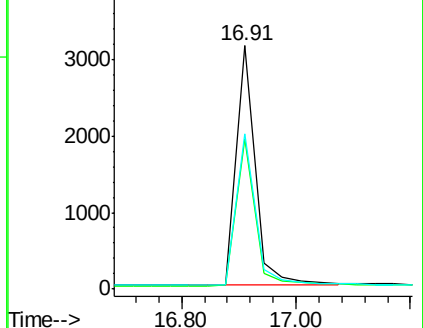
268 63.6 52.0 78.0

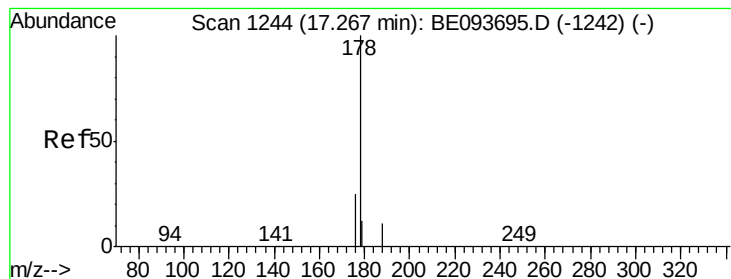


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.563 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

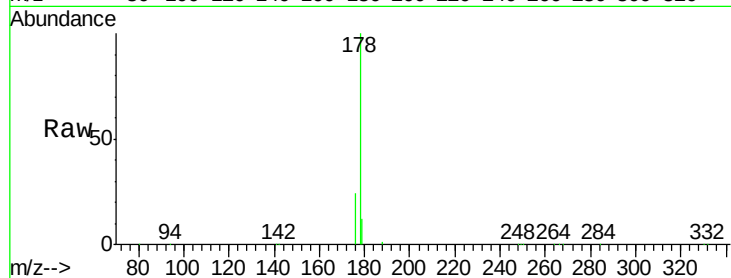
Tgt Ion:178 Resp: 69914

Ion Ratio Lower Upper

178 100

176 21.9 15.0 22.4

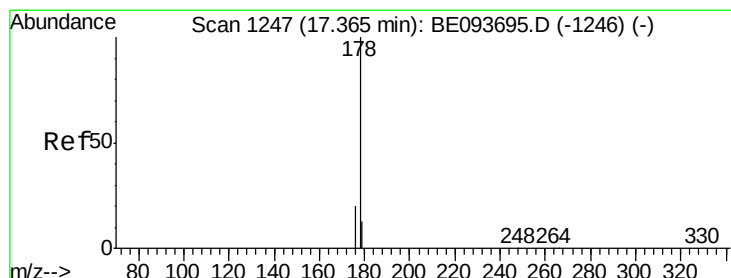
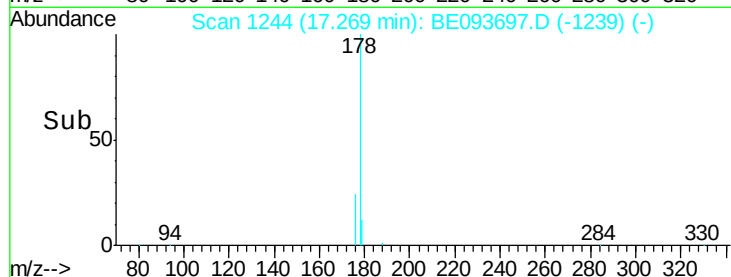
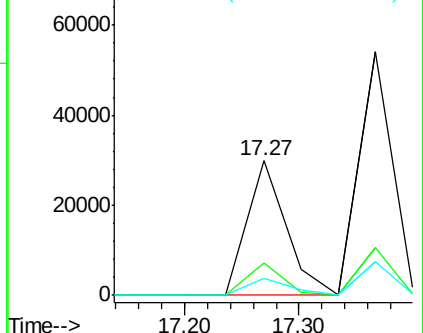
179 0.0 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.778 ng

RT: 17.37 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

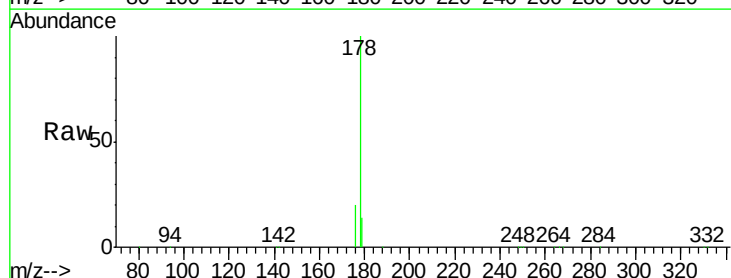
Tgt Ion:178 Resp: 108798

Ion Ratio Lower Upper

178 100

176 19.4 14.6 22.0

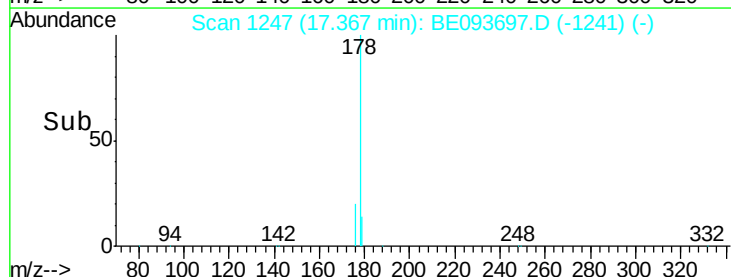
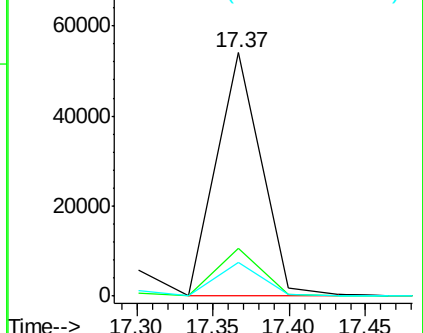
179 22.9 12.0 18.0#

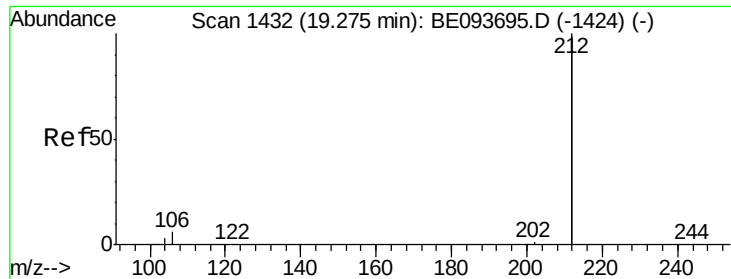


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.551 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

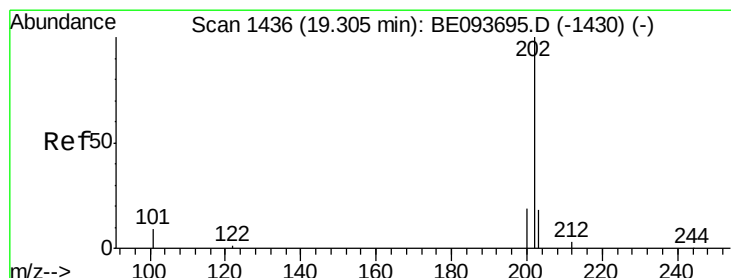
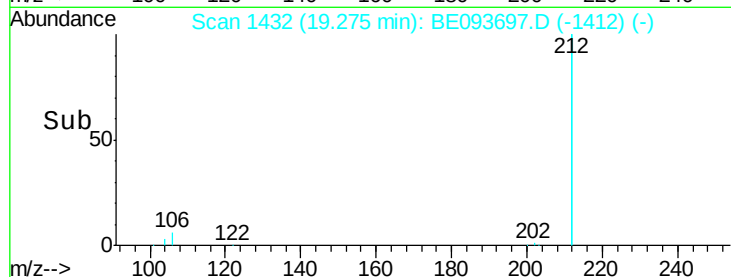
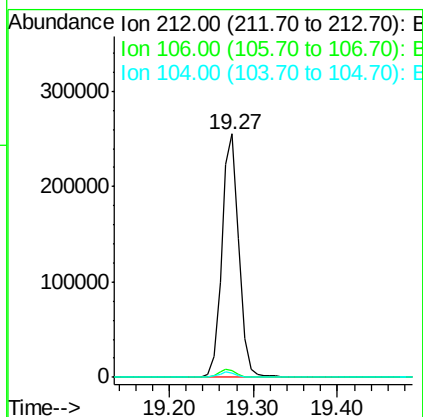
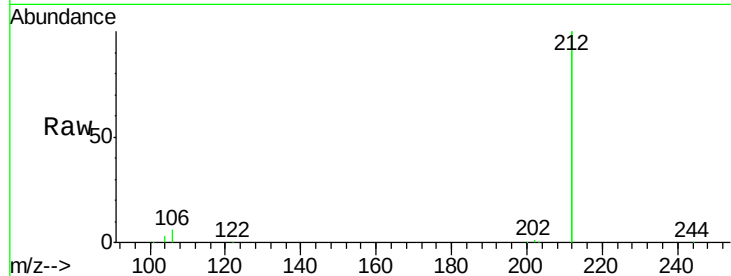
Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tgt Ion:	212	Resp:	358391
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.9	1.6	2.4



#26

Fluoranthene

Concen: 1.529 ng

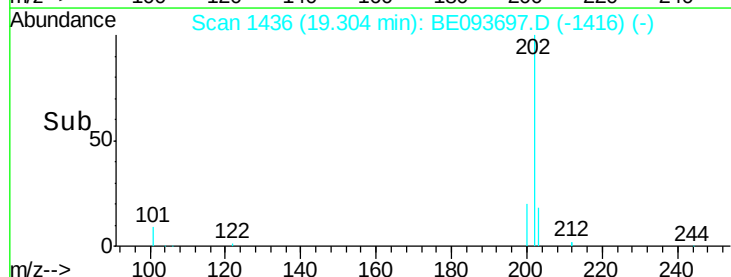
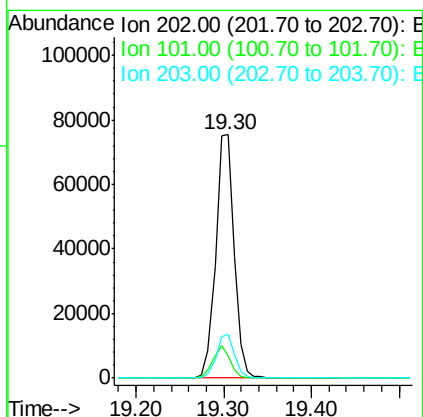
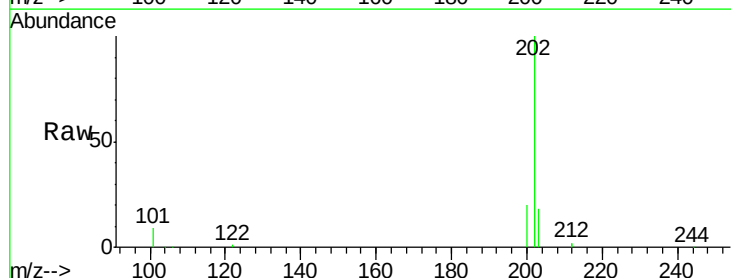
RT: 19.30 min Scan# 1436

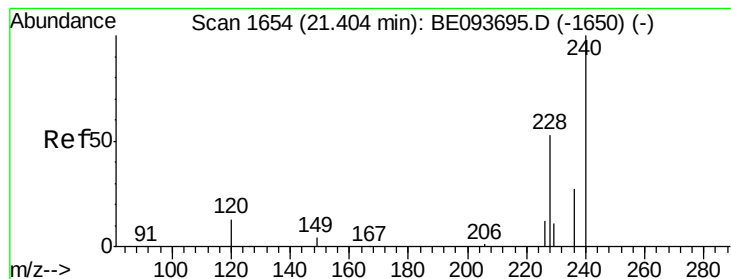
Delta R.T. -0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Tgt Ion:	202	Resp:	108938
Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	17.4	14.4	21.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

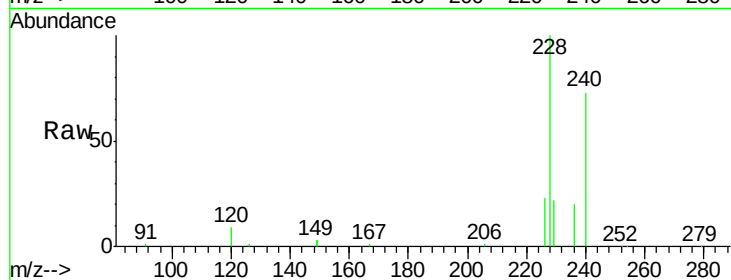
Tgt Ion:240 Resp: 21116

Ion Ratio Lower Upper

240 100

120 12.1 4.6 7.0#

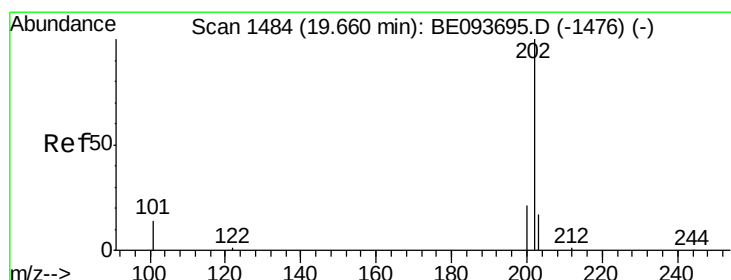
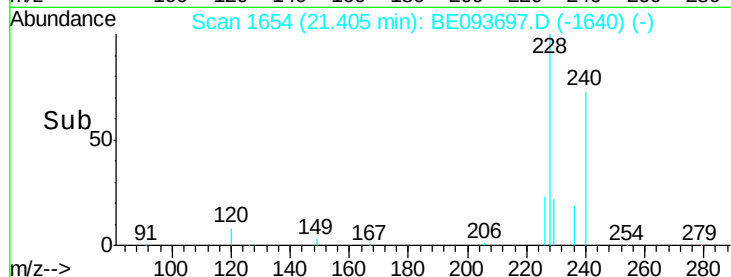
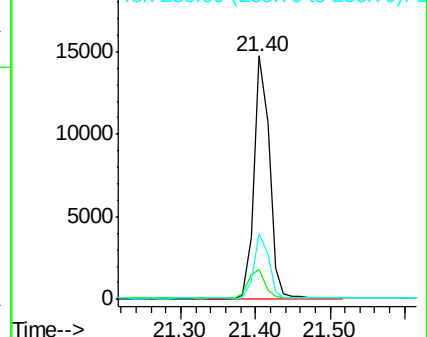
236 26.9 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.641 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

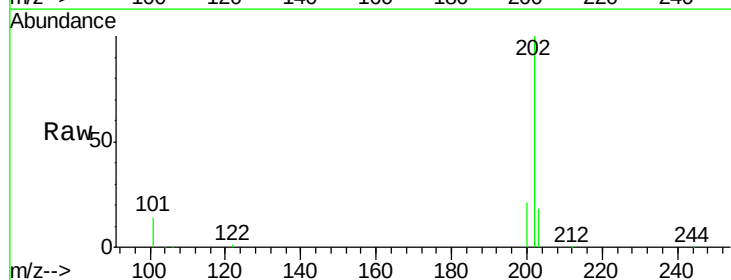
Tgt Ion:202 Resp: 111970

Ion Ratio Lower Upper

202 100

200 20.8 0.0 0.0#

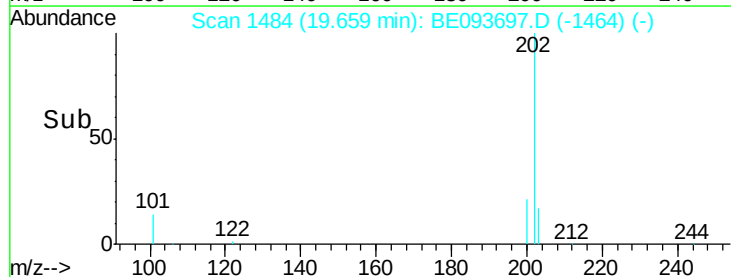
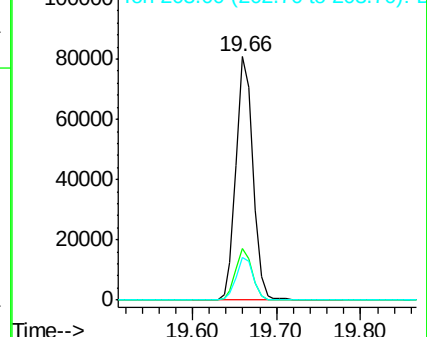
203 17.6 13.7 20.5

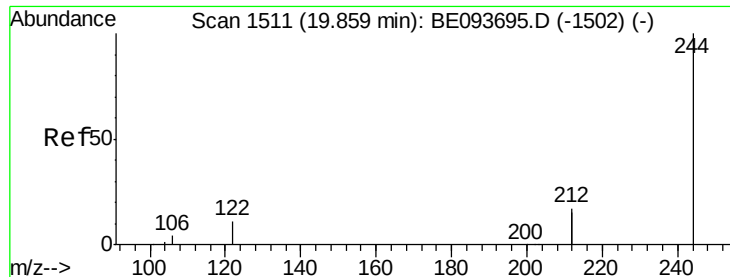


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.604 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

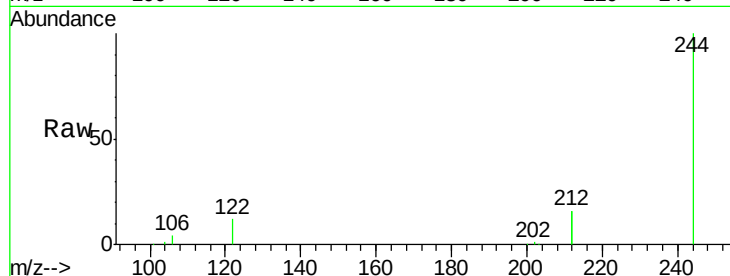
Tgt Ion:244 Resp: 60858

Ion Ratio Lower Upper

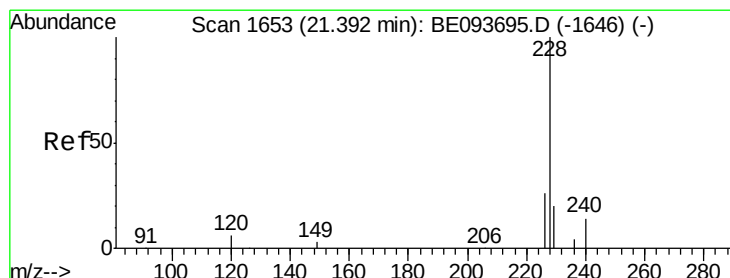
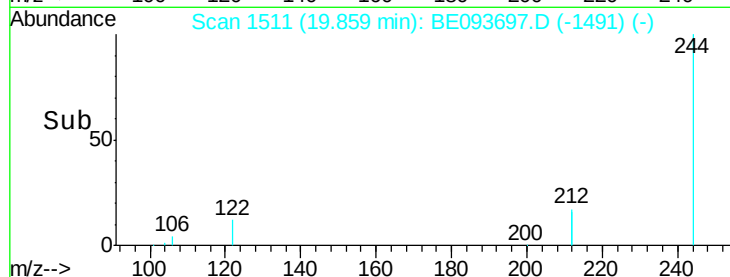
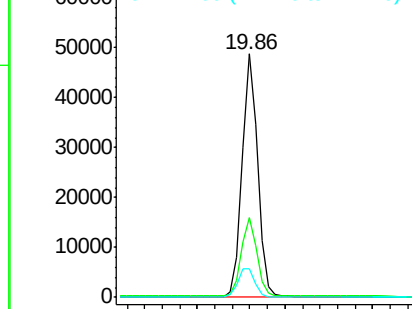
244 100

212 33.0 10.6 16.0#

122 11.6 15.4 23.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 1.731 ng

RT: 21.39 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

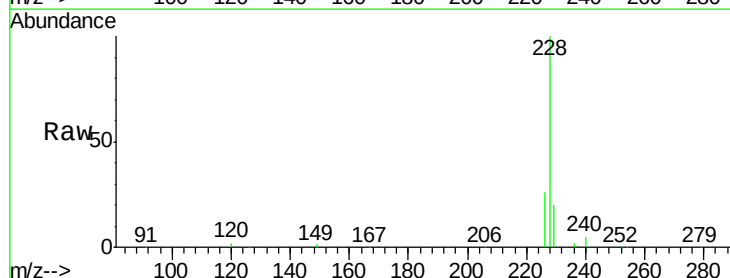
Tgt Ion:228 Resp: 107429

Ion Ratio Lower Upper

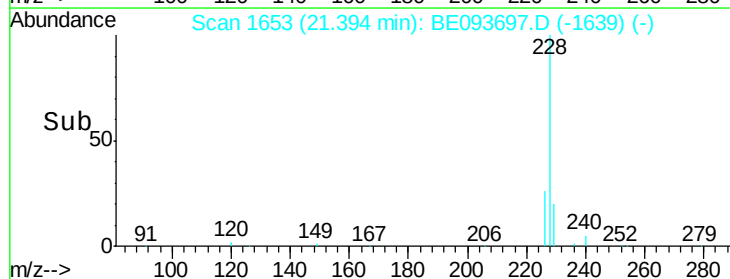
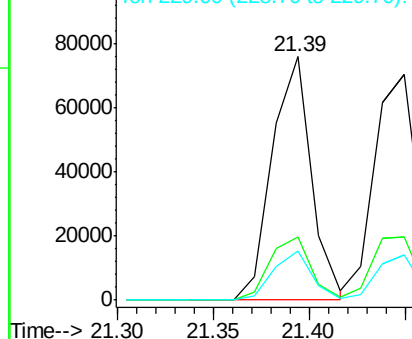
228 100

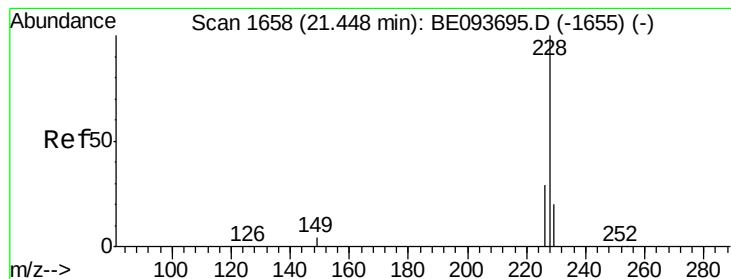
226 26.2 19.7 29.5

229 20.0 19.2 28.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.575 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

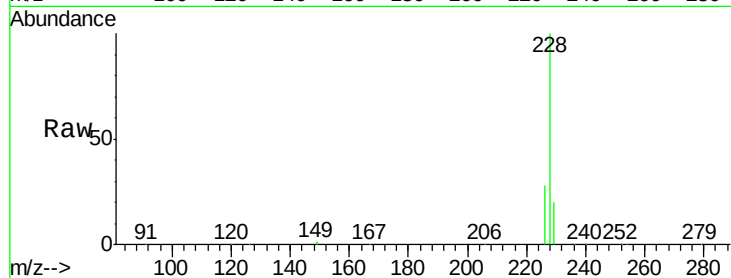
Tgt Ion:228 Resp: 109036

Ion Ratio Lower Upper

228 100

226 28.1 21.5 32.3

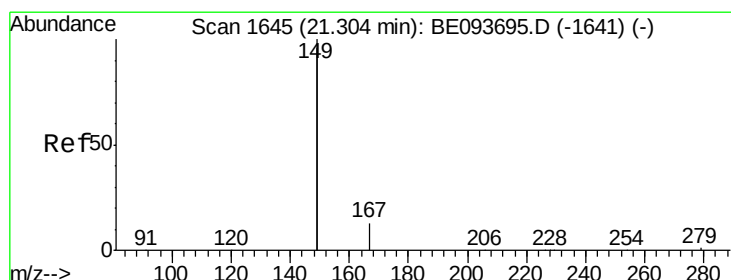
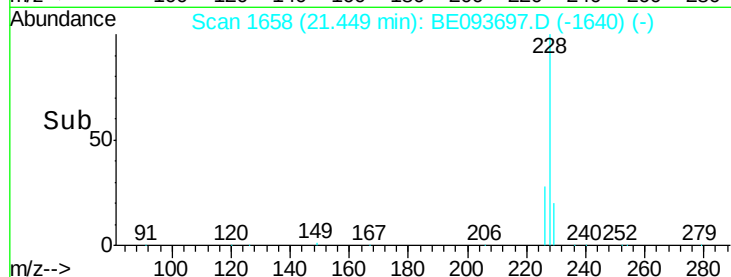
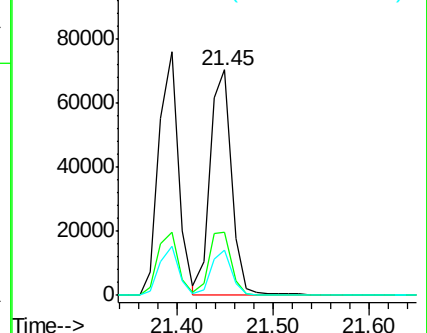
229 20.2 18.6 28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.601 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

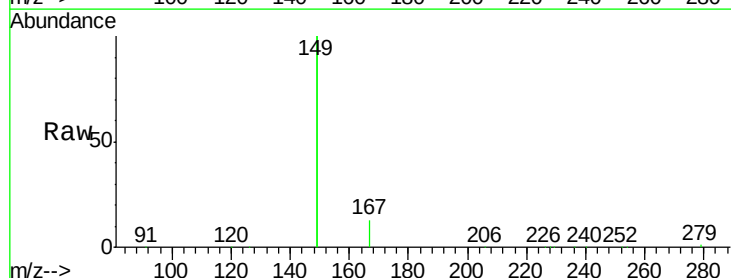
Tgt Ion:149 Resp: 220132

Ion Ratio Lower Upper

149 100

167 6.7 4.8 7.2

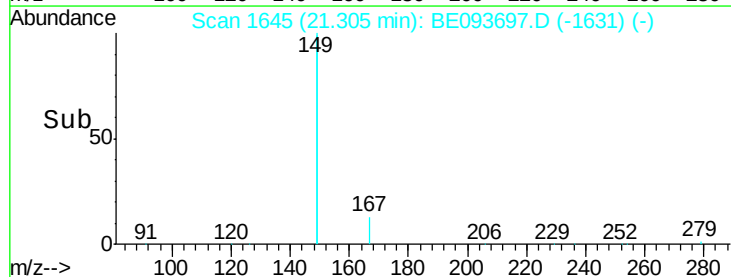
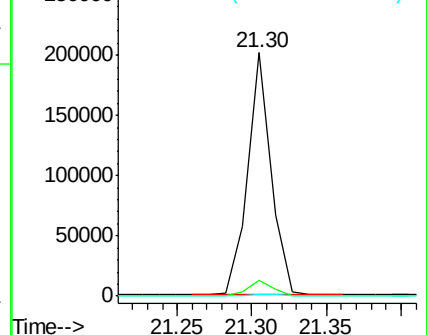
279 0.9 0.8 1.2

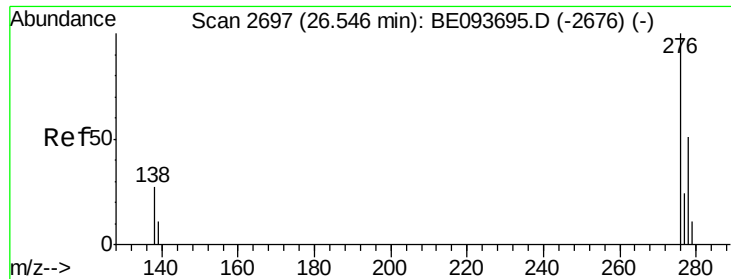


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 1.666 ng

RT: 26.55 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

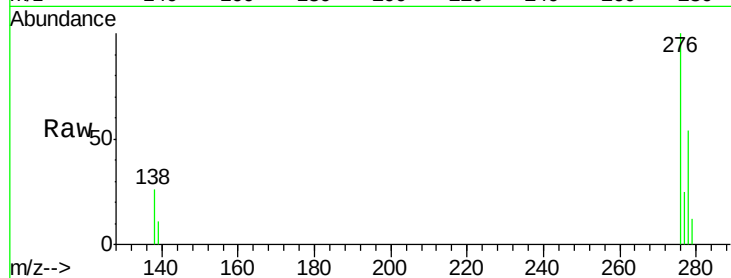
Tgt Ion:276 Resp: 104462

Ion Ratio Lower Upper

276 100

138 28.2 27.4 41.2

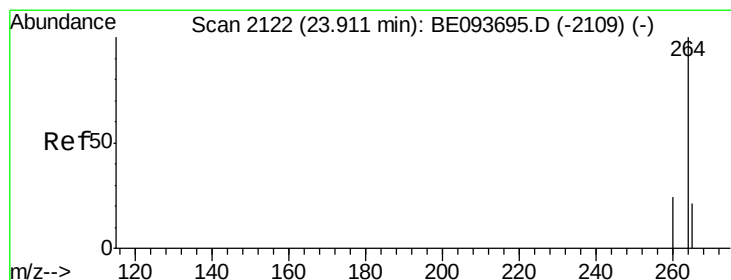
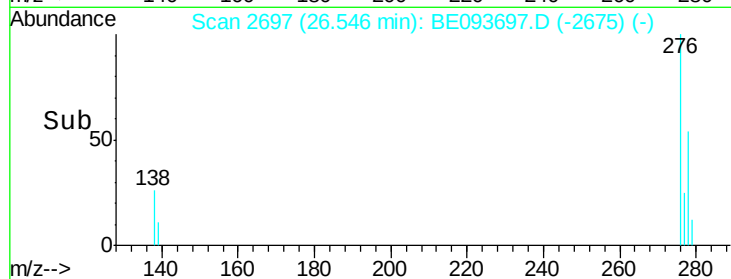
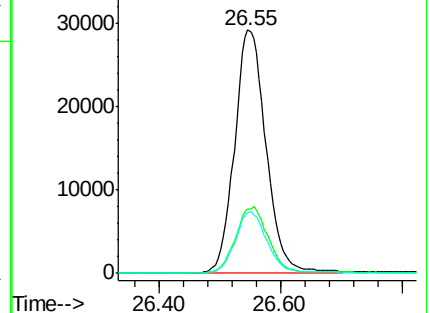
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

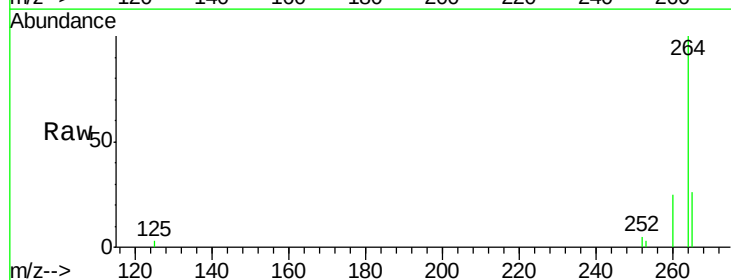
Tgt Ion:264 Resp: 18026

Ion Ratio Lower Upper

264 100

260 25.1 21.0 31.4

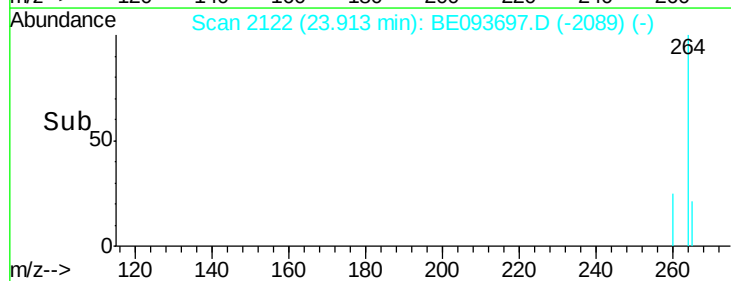
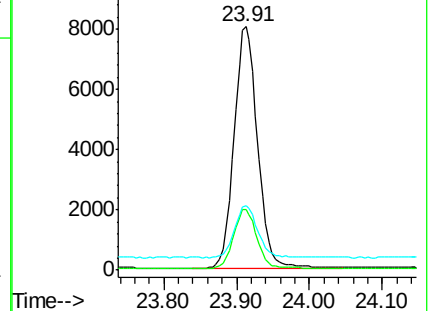
265 26.3 24.6 36.8

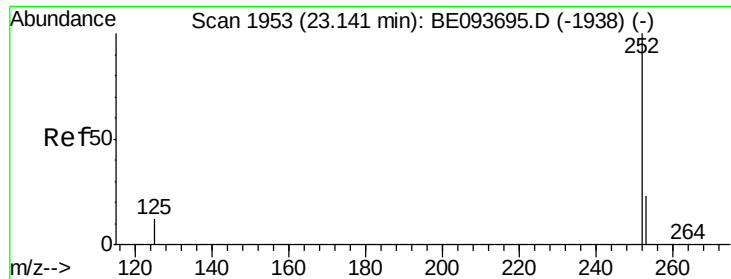


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.572 ng

RT: 23.14 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

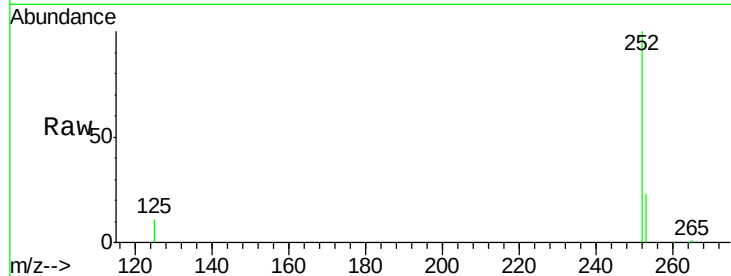
Tgt Ion:252 Resp: 101109

Ion Ratio Lower Upper

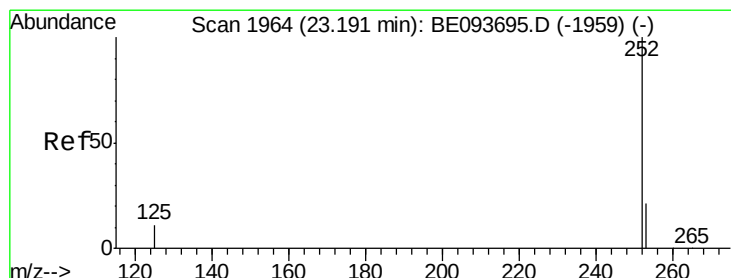
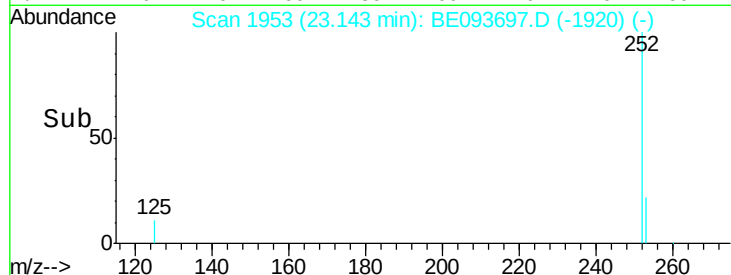
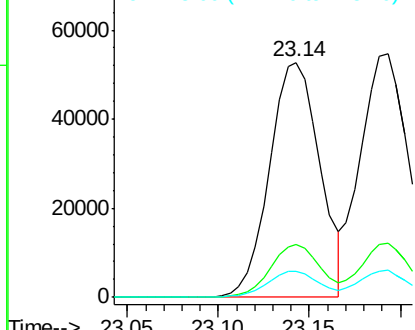
252 100

253 22.6 18.5 27.7

125 11.0 13.4 20.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.568 ng

RT: 23.19 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

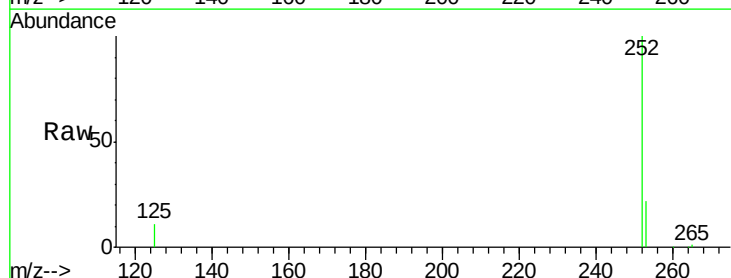
Tgt Ion:252 Resp: 103101

Ion Ratio Lower Upper

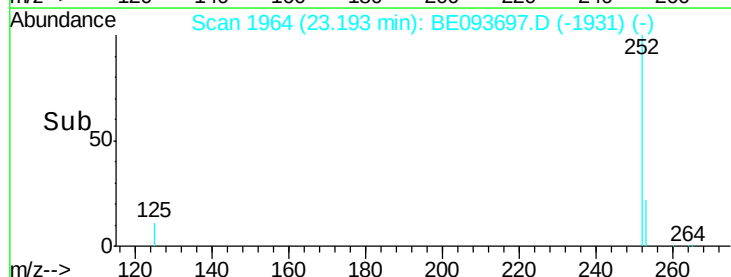
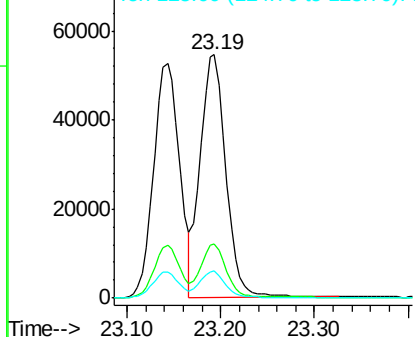
252 100

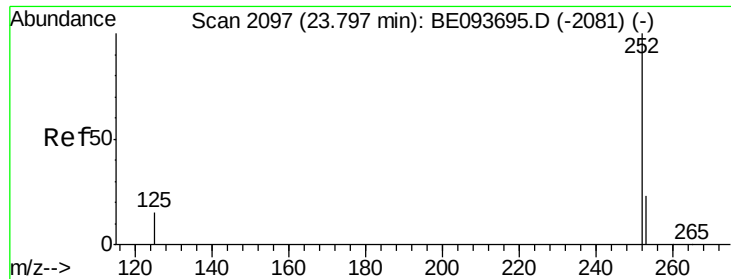
253 22.4 20.3 30.5

125 11.0 12.2 18.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.637 ng

RT: 23.80 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

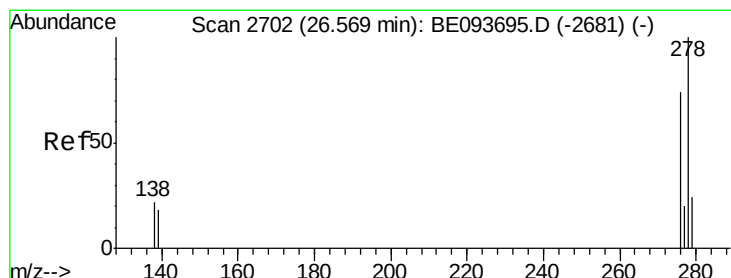
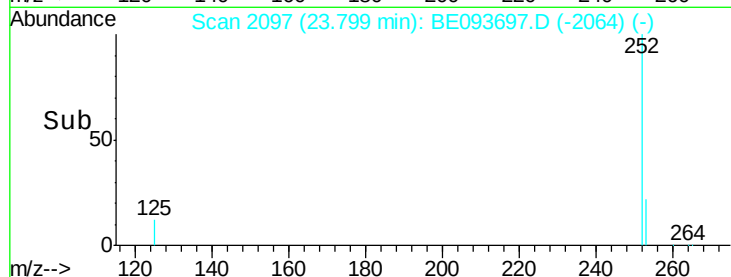
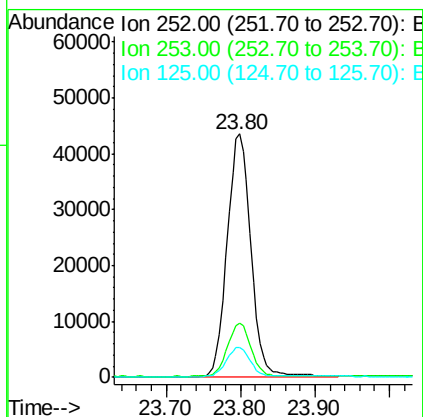
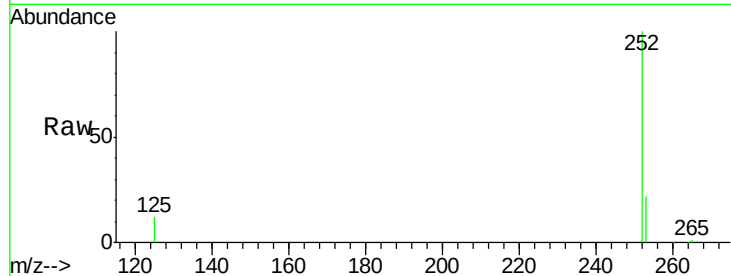
Tgt Ion: 252 Resp: 95381

Ion Ratio Lower Upper

252 100

253 22.1 19.9 29.9

125 12.4 14.6 21.8#



#38

Dibenzo(a,h)anthracene

Concen: 1.609 ng

RT: 26.57 min Scan# 2702

Delta R.T. -0.00 min

Lab File: BE093697.D

Acq: 7 Aug 2017 11:48

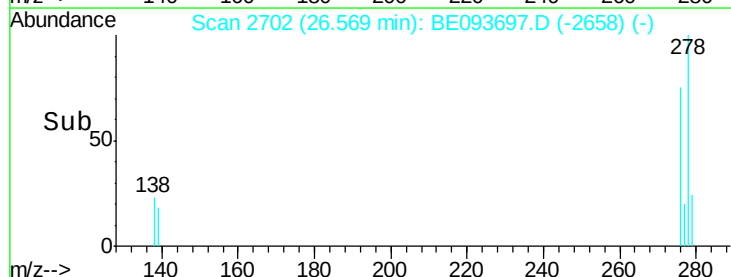
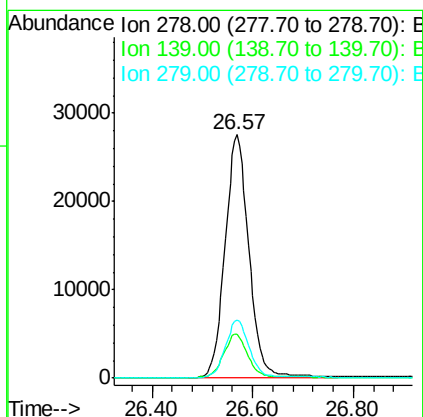
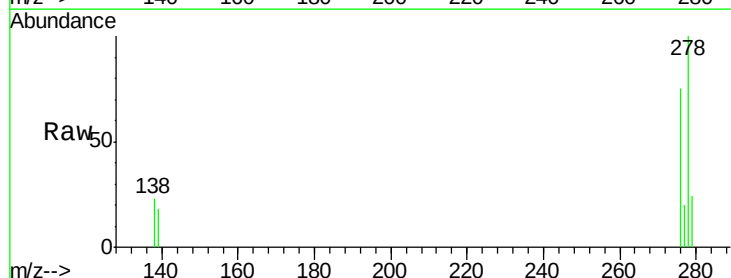
Tgt Ion: 278 Resp: 90502

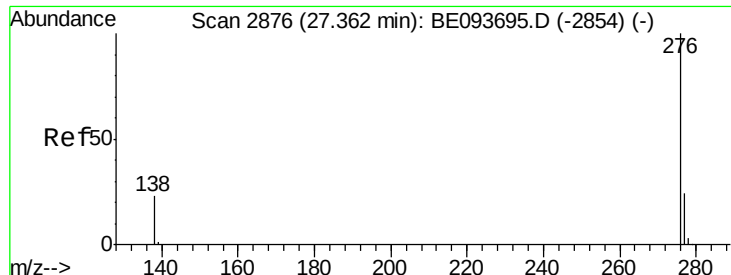
Ion Ratio Lower Upper

278 100

139 18.1 21.4 32.0#

279 23.8 22.2 33.2





#39

Benzo(g,h,i)perylene

Concen: 1.582 ng

RT: 27.36 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BE093697.D

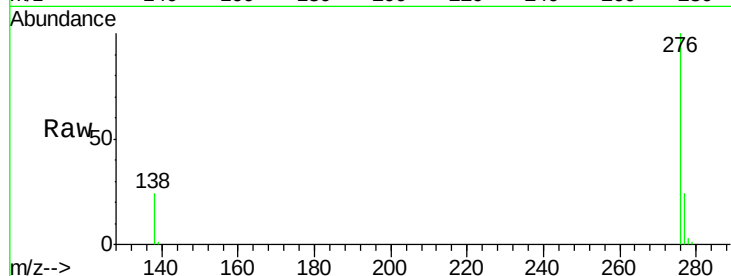
Acq: 7 Aug 2017 11:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6



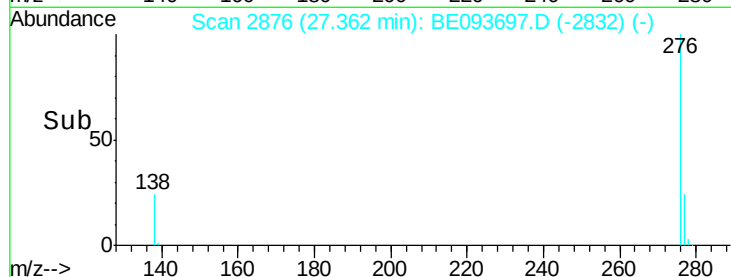
Tgt Ion: 276 Resp: 90231

Ion Ratio Lower Upper

276 100

277 24.2 21.2 31.8

138 24.4 24.5 36.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

